Jacob M Reeves

List of Publications by Year
in descending order

17	380	1163117 8	940533 16
papers	citations	h-index	g-index

17	17	17	359
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of proximal humeral bone stresses between stemless, short stem, and standard stem length: a finite element analysis. Journal of Shoulder and Elbow Surgery, 2016, 25, 1076-1083.	2.6	110
2	The Subacromial Balloon Spacer Versus Superior Capsular Reconstruction in the Treatment of Irreparable Rotator Cuff Tears: A Biomechanical Assessment. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2019, 35, 382-389.	2.7	75
3	Quantitative Computed Tomography (QCT) derived Bone Mineral Density (BMD) in finite element studies: a review of the literature. Journal of Experimental Orthopaedics, 2016, 3, 36.	1.8	65
4	The effect of stemless humeral component fixation feature design on bone stress and strain response: a finite element analysis. Journal of Shoulder and Elbow Surgery, 2018, 27, 2232-2241.	2.6	26
5	The effect of the subacromial balloon spacer on humeral head translation in the treatment of massive, irreparable rotator cuff tears: a biomechanical assessment. Journal of Shoulder and Elbow Surgery, 2019, 28, 1841-1847.	2.6	24
6	An assessment of proximal humerus density with reference to stemless implants. Journal of Shoulder and Elbow Surgery, 2018, 27, 641-649.	2.6	17
7	The effect of short-stem humeral component sizing on humeral bone stress. Journal of Shoulder and Elbow Surgery, 2020, 29, 761-767.	2.6	17
8	An analysis of proximal humerus morphology with special interest in stemless shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2018, 27, 650-658.	2.6	9
9	An in-vitro biomechanical assessment of humeral head migration following irreparable rotator cuff tear and subacromial balloon reconstruction. Shoulder and Elbow, 2020, 12, 265-271.	1.5	8
10	The effect of humeral implant thickness and canal fill on interface contact and bone stresses in the proximal humerus. JSES International, 2021, 5, 881-888.	1.6	6
11	The effect of static muscle forces on the fracture strength of the intact distal radius in vitro in response to simulated forward fall impacts. Journal of Biomechanics, 2014, 47, 2672-2678.	2.1	5
12	Methods for Post Hoc Quantitative Computed Tomography Bone Density Calibration: Phantom-Only and Regression. Journal of Biomechanical Engineering, 2018, 140, .	1.3	4
13	Development and validation of a finite element model to simulate the opening of a medial opening wedge high tibial osteotomy. Computer Methods in Biomechanics and Biomedical Engineering, 2019, 22, 442-449.	1.6	4
14	The Effect of Inhomogeneous Trabecular Stiffness Relationship Selection on Finite Element Outcomes for Shoulder Arthroplasty. Journal of Biomechanical Engineering, 2019, 141, .	1.3	4
15	Regional apparent density correlations within the proximal humerus. JSES International, 2021, 5, 525-531.	1.6	3
16	Humeral short stem varusâ€“valgus alignment affects bone stress. Journal of Orthopaedic Research, 2022, 40, 2169-2178.	2.3	3
17	Initial Assessments of a Handheld Indentation Probe's Correlation with Cancellous Bone Density, Stiffness and Strength: An Objective Alternative to 'Thumb Testing'. Journal of Medical Devices, Transactions of the ASME, 2021, , .	0.7	0